

TABLE 10

Federal budget authority for Energy (270) R&D and R&D plant: FYs 2018–20

(Millions of dollars and percent change)

Budget function and agency	2018 actual	2019 preliminary	2020 proposed	2018–19 (% change)	2019–20 (% change)
R&D and R&D plant	4,233	4,458	1,895	5.3	-57.5
Department of Energy (271)	4,151	4,370	1,807	5.3	-58.6
Energy programs	3,790	4,002	2,092	5.6	-47.7
Energy efficiency and renewable energy	1,757	1,842	636	4.8	-65.5
Electricity delivery and energy reliability ^a	178	na	na	--	--
Fossil energy	683	681	551	-0.3	-19.1
Nuclear energy	1,172	1,294	712	10.3	-45.0
Electricity delivery ^a	na	136	158	--	16.3
Cybersecurity, Energy Security, and Emergency Response ^a	na	49	35	--	-27.9
Advanced Research Projects Agency-Energy (ARPA-E) ^b	354	366	-287	3.4	-178.4
Bonneville Power Administration Fund	7	2	2	-71.4	0.0
Nuclear Regulatory Commission (276)	69	74	75	7.2	1.4
Tennessee Valley Authority (271)	13	14	13	7.7	-7.1
R&D	4,212	4,435	1,872	5.3	-57.8
Department of Energy (271)	4,130	4,347	1,784	5.3	-59.0
Energy programs	3,769	3,979	2,069	5.6	-48.0
Energy efficiency and renewable energy	1,757	1,842	636	4.8	-65.5
Electricity delivery and energy reliability ^a	178	na	na	--	--
Fossil energy	662	659	528	-0.4	-19.8
Nuclear energy	1,172	1,294	712	10.3	-45.0
Electricity delivery ^a	na	136	158	--	16.3
Cybersecurity, Energy Security, and Emergency Response ^a	na	49	35	--	-27.9
Advanced Research Projects Agency-Energy (ARPA-E) ^b	354	366	-287	3.4	-178.4
Bonneville Power Administration Fund	7	2	2	-71.4	0.0
Nuclear Regulatory Commission (276)	69	74	75	7.2	1.4
Tennessee Valley Authority (271)	13	14	13	7.7	-7.1

na = not applicable.

^a The Office of Electricity Delivery and Energy Reliability was split into two entities in FY 2019: the Office of Electricity Delivery and the Office of Cybersecurity, Energy Security, and Emergency Response.

^b The administration has proposed zero funding for ARPA-E in FY 2020. The tabulated -\$287 million for that year reflects rescinding unobligated balances.

Note(s)

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s)

Agencies' submissions to the Office of Management and Budget per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices.